

1. (original) A reusable and rechargeable glow device comprising:
  - a) a translucent container with two chambers;
  - b) whereby each chamber contains at least one chemical product which reacts with the other chemical to produce a chemiluminescent reaction;
  - c) a means in which to allow for a graduated introduction of one of the chemicals from one chamber to the other;
  - d) and further comprising a means whereby the chemicals can be removed from the container and new chemicals introduced, separately, into the two chambers to allow for further chemiluminescent reactions.
- 2.(amended) The device of claim 1 whereby the container is a ~~long~~ cylindrical shape.
- 3.(original) The device of claim 1 whereby the container is in such a shape that it could be placed on or near a hazard cone or similar device.
- 4.(original) The device of claim 1 whereby the container has an exterior that is colored or imprinted to increase the effectiveness of the chemiluminescent light produced or to provide entertainment or novelty.
- 5.(amended) The device of claim 1 whereby the container is of sufficient size to allow for an extended chemiluminescent reaction lasting ~~many~~ hours long.
- 6.(original) The device of claim 1 whereby ~~the~~ chemicals are varied to change the color of the light produced by the chemiluminescent reaction.
- 7.(amended) A reusable and rechargeable glow device comprising:
  - a) a translucent container with two chambers;
  - b) whereby each chamber contains at least one chemical product which reacts

with the other chemical to produce a chemiluminescent reaction;

- c) a means in which to allow for a controlled graduated introduction of one of the chemicals from one chamber to the other, giving the user the means to stop the graduated introduction at any time and to further re-introduce chemical reactants causing additional reactions after expiration of previous reactions.

8.(amended) The device of claim 7 whereby the container is a ~~long~~ cylindrical shape.

9.(original) The device of claim 7 whereby the container is in such a shape that it could be placed on or near a hazard cone or similar device.

10.(original) The device of claim 7 whereby the container has an exterior that is colored or imprinted to increase the effectiveness of the chemiluminescent light produced or to provide entertainment or novelty.

11.(amended) The device of claim 7 whereby the container is of sufficient size to allow for an extended chemiluminescent reaction lasting ~~many~~ hours long.

12.(original) The device of claim 7 whereby the chemicals are varied to change the color of the light produced by the chemiluminescent reaction.

13.(new) A reusable and rechargeable glow device comprising:

- a) a translucent container with at least two chambers;
- b) whereby each chamber contains at least one chemical product which reacts with the other chemical to produce a chemiluminescent reaction;
- c) whereby each chamber is separated by gaskets or similar means to prevent unintended leakage from one chamber to another or from the apparatus

generally;

- d) a means in which to allow for a graduated introduction of one of the chemicals from one chamber to the other;
- e) and further comprising a means whereby the chemicals can be removed from the container and new chemicals introduced, separately, into the two chambers to allow for further chemiluminescent reactions.

14.(new) The device of claim 13 whereby the gasket or similar means between the two chambers, #11 in Figure 1, consists of a rubber cork system.

15.(new) The device of claim 13 whereby the gasket or similar means associated with the graduated introduction means, #10 in Figure 1, includes a petroleum based lubricant such that the pressure necessary to cause leakage at #10 is greater than the pressure to activate the gasket or similar means between the two chambers, #11 in Figure 1.

16.(new) The device of claim 13 whereby the gasket or similar means associated with the graduated introduction means, #10 in Figure 1, includes a petroleum based lubricant such that the pressure necessary to cause leakage at #10 is greater than the pressure to activate the rubber cork system, #11 in Figure 1.

17.(new) A reusable and rechargeable glow device comprising:

- a) a translucent container with at least two chambers;
- b) whereby each chamber contains at least one chemical product which reacts with the other chemical to produce a chemiluminescent reaction;
- c) whereby each chamber is separated by gaskets or similar means to prevent unintended leakage from one chamber to another or from the apparatus

generally;

- d) a means in which to allow for a controlled graduated introduction of one of the chemicals from one chamber to the other, giving the user the means to stop the graduated introduction at any time and to further re-introduce chemical reactants causing additional reactions after expiration of previous reactions.

18.(new) The device of claim 17 whereby the gasket or similar means between the two chambers, #11 in Figure 1, consists of a rubber cork system.

19.(new) The device of claim 17 whereby the gasket or similar means associated with the graduated introduction means, #10 in Figure 1, includes a petroleum based lubricant such that the pressure necessary to cause leakage at #10 is greater than the pressure to activate the gasket or similar means between the two chambers, #11 in Figure 1.

20.(new) The device of claim 17 whereby the gasket or similar means associated with the graduated introduction means, #10 in Figure 1, includes a petroleum based lubricant such that the pressure necessary to cause leakage at #10 is greater than the pressure to activate the rubber cork system, #11 in Figure 1

21. (new) A reusable and rechargeable glow device comprising:

- a) a translucent container with two chambers, one inner and one outer;
- b) whereby each chamber contains at least one chemical product which reacts with the other chemical to produce a chemiluminescent reaction;
- c) the inner chamber being such that no external light could reach or react with the chemical product contained therein;

- d) a means in which to allow for a graduated introduction of one of the chemicals from one chamber to the other;
- e) and further comprising a means whereby the chemicals can be removed from the container and new chemicals introduced, separately, into the two chambers to allow for further chemiluminescent reactions.

22.(new) The device of Claim 21 whereby the inner chamber is made of a material that will break or shatter upon external force, providing the user the option to have immediate and complete mixing or a controlled graduated introduction of the chemical products.

23.(new) The device of Claim 21 whereby the means allowing for controlled graduated introduction are such that they only allow for one-way mixing or, in other words, reduction of the volume of one of the chambers containing chemicals yet to be mixed, but not the other, such as a one way ratchet mechanism.

24.(new) The device of Claim 21 whereby the inner chamber is opaque only where necessary to protect the chemical products inside, to maintain longevity, and the opaque nature of the chambers reduces as the volume of the chemical inside are reduced through the controlled and graduated introduction to the second chemical reactant.

25. (new) A reusable and rechargeable glow device comprising:

- a) a translucent container with two chambers, one inner and one outer;
- b) whereby each chamber contains at least one chemical product which reacts with the other chemical to produce a chemiluminescent reaction;
- c) the inner chamber being such that no external light could reach or react with the chemical product contained therein;

- d) a means in which to allow for a controlled graduated introduction of one of the chemicals from one chamber to the other.

26.(new) The device of Claim 25 whereby the inner chamber is made of a material that will break or shatter upon external force, providing the user the option to have immediate and complete mixing or a controlled graduated introduction of the chemical products.

27.(new) The device of Claim 25 whereby the means allowing for controlled graduated introduction are such that they only allow for one-way mixing or, in other words, reduction of the volume of one of the chambers containing chemicals yet to be mixed, but not the other, such as a one way ratchet mechanism.

28.(new) The device of Claim 25 whereby the inner chamber is opaque only where necessary to protect the chemical products inside, to maintain longevity, and the opaque nature of the chambers reduces as the volume of the chemical inside are reduced through the controlled and graduated introduction to the second chemical reactant.